## IAP3 Rec'd POT/PTO 12 JAN 2006

PTO-1390 (Rev.07-2005)

Approved for use through 3/31/2007.OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 53200.830002.US0

DESIGNATED/ELECTED OFFICE (DO/EO/US) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/KR2004/001734 13 July 2004 14 July 2003 TITLE OF INVENTION METHOD FOR COMPUTERISING AND STANDARDIZING MEDICAL INFORMATION APPLICANT(S) FOR DO/EO/US: Kim, Suhung-Gwon Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor (s) (35 U.S.C. 371 (c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. 14. An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1825. 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313.140.

Page 1 of 3, 8

### .IAP6 Rec'd PCT/PTO 12 JAN 2006

PTO-1390 (Rev.12-2004)

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

20. Other items or information	U.S. APPLICATION NO. (af known, see 17 GFR 1.5			1.5) INTERNATION	) INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER		
The following fees have been submitted  21.	FC1/RR2004/001/34					53200.830002.US0			
21. Season national fee	20. Other items or information								
Season nation fee (37 CPR 1.492(c)	The following fees have been submitted						CALCULATIONS	PTO USE ONLY	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IFEA/US indicated all claims satisfy provisions of PCT Article 33(1)-(4)50  All other intuitions	21.						\$300.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.492(j)).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof (round up to a whole number)  CLAIMS  NUMBER FILED  NUMBER EXTRA  RATE  Total Claims  8 - 20 = 0							\$200.00		
23 ⊠ c) Search fee (37 CFR 1.492(b)  If the written opinion of the ISA/US or the International preliminary examination report is prepared by PEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	prepared by IPEA/US indicated all claims satisfy provisions of PCT Article 33(1)-(4)\$0								
If the written opinion of the ISA/IS or the International preliminary examination report is prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)							<b></b>		
IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)	23 \( \times\) c) Search fee (37 CFR 1.492(b))  If the written equipper of the ISA/IIS or the International preliminary examination report is prepared. by						\$500.00		
International Searching Authority	IPEA/US indicates	all claims satisfy pr							
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB	Search fee (37 CFI	R 1.445(a)(2)) has be							
TOTAL OF 21, 22 AND 23 = \$1000.00  Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number) Rate  -100 =   /50 =   x \$250.00   S  Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE \$  Total Claims 8 - 20 = 0   x \$50.00   S0  Independent Claims 3 - 3 =   x \$200.00   S0  MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00   S0  MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00   S0  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. S  SUBTOTAL = \$1000.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE = \$1000.00  Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED S1000.00  TOTAL FEES ENCLOSED \$1000.00	International Search Report prepared by an ISA other than the US and provided to the Office or								
TOTAL OF 21, 22 AND 23 = S1000.00  Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.  Total Sheets   Number of each additional 50 or fraction thereof (round up to a whole number)   Rate	previously communicated to the US by the IB								
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.  Total Sheets   Extra Sheets   Number of each additional 50 or fraction thereof (round up to a whole number)   x \$250.00   S    Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  CLAIMS   NUMBER FILED   NUMBER EXTRA   RATE   S    Total Claims   8 - 20 = 0   x \$50.00   S0    Independent Claims   8 - 20 = 0   x \$50.00   S0    MULTIPLE DEPENDENT CLAIM(S) (if applicable)   + \$360.00   S0    MULTIPLE DEPENDENT CLAIM(S) (if applicable)   + \$360.00   S0    Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.   \$ SUBTOTAL = \$1000.00    Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(f)).   + TOTAL NATIONAL FEE   \$1000.00    Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied   \$ Substantial of the property   + TOTAL FEES ENCLOSED   \$ Substantial of the property   + TOTAL FEES ENCLOSED   \$ Substantial of the property   + TOTAL FEES ENCLOSED   \$ Substantial of the property   \$ Substa	All other steamons								
listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof (round up to a whole number)  100 =   /50 =   x \$250.00   S  Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  CLAIMS  NUMBER FILED  NUMBER EXTRA  RATE  Total Claims  8 - 20 = 0	TOTAL OF 21, 22 AND 23 =						\$1000.00		
medium) (37 ČFR 1.492(j)). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof (round up to a whole number)  -100 =   /50 =   x \$250.00   \$  Surcharge of \$130.00 for furnishing the eath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  CLAIMS  NUMBER FILED  NUMBER EXTRA  RATE  \$  Total Claims  8 - 20 = 0 0	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence								
The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number)  -100 =   /50 =   x \$250.00   S    Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE   S    Total Claims   8 - 20 =   0   x \$50.00   \$0    Independent Claims   -3 =   x \$200.00   \$0    MULTIPLE DEPENDENT CLAIM(S) (if applicable)   + \$360.00   \$0    MULTIPLE DEPENDENT CLAIM(S) (if applicable)   + \$360.00   \$0    Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.   \$    SUBTOTAL   \$    SUBTOTAL   \$    SUBTOTAL   \$    Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   +				:					
thereof (round up to a whole number)  -100 =   /50 =   x \$250.00   S  Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  CLAIMS   NUMBER FILED   NUMBER EXTRA   RATE   S  Total Claims   8 - 20 =   0   x \$50.00   \$0  Independent Claims   -3 =   x \$200.00   \$0  MULTIPLE DEPENDENT CLAIM(S) (if applicable)   + \$360.00   \$0  MULTIPLE DEPENDENT CLAIM(S) (if applicable)   + \$360.00   \$0  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.   \$1000.00    Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(f)).   + TOTAL NATIONAL FEE   \$1000.00    Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   +									
thereof (round up to a whole number)   x \$250.00   S    Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  CLAIMS   NUMBER FILED   NUMBER EXTRA   RATE   S    Total Claims   8 - 20 =   0   x \$50.00   \$0    Independent Claims   -3 =   x \$200.00   \$0    MULTIPLE DEPENDENT CLAIM(S) (if applicable)   + \$360.00   \$0    MULTIPLE DEPENDENT CLAIM(S) (if applicable)   + \$360.00   \$0    Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.   \$    Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(f)).   +									
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  CLAIMS NUMBER FILED NUMBER EXTRA RATE \$  Total Claims 8 - 20 = 0			thereof (rou	nd up to a whole number	)				
CLAIMS NUMBER FILED NUMBER EXTRA RATE \$  Total Claims 8 - 20 = 0 x \$50.00 \$0  Independent Claims -3 = x \$200.00 \$0  MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 \$0  MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 \$0  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. \$  SUBTOTAL \$1000.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE   \$1000.00  Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  TOTAL FEES ENCLOSED \$1000.00  Amount to be refunded Amount to be	-100 = /50 =		x \$250.00			\$			
Total Claims 8 - 20 = 0 x \$50.00 \$0  Independent Claims -3 = x \$200.00 \$0  MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 \$0  TOTAL OF ABOVE CALCULATION = \$1000.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  SUBTOTAL = \$1000.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(f)). +  TOTAL NATIONAL FEE = \$1000.00  Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  TOTAL FEES ENCLOSED \$1000.00  Amount to be refunded  Amount to be							\$		
Independent Claims  -3 =	CLAIMS NUMBE		R FILED NUMBER EXTRA RATE			\$			
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 \$0  TOTAL OF ABOVE CALCULATION = \$1000.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  SUBTOTAL = \$1000.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE = \$1000.00  Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  TOTAL FEES ENCLOSED \$1000.00  Amount to be refunded  Amount to be	Total Claims	Total Claims		8 - 20 = 0 x \$50.00		\$50.00	\$0		
TOTAL OF ABOVE CALCULATION = \$1000.00  Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  SUBTOTAL = \$1000.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE = \$1000.00  Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  TOTAL FEES ENCLOSED \$1000.00  Amount to be refunded  Amount to be	Independent Claims		-3 = x \$200.00		\$0				
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  SUBTOTAL = \$1000.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE = \$1000.00  Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  TOTAL FEES ENCLOSED \$1000.00  Amount to be refunded  Amount to be	MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00						\$0		
SUBTOTAL = \$1000.00  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE = \$1000.00  Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  TOTAL FEES ENCLOSED \$1000.00  Amount to be refunded  Amount to be	TOTAL OF ABOVE CALCULATION =						\$1000.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE = \$1000.00  Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  TOTAL FEES ENCLOSED \$1000.00  Amount to be refunded  Amount to be	Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						\$		
earliest priority date (37 CFR 1.492(f)). + TOTAL NATIONAL FEE = \$1000.00  Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + TOTAL FEES ENCLOSED \$1000.00  Amount to be refunded Amount to be	SUBTOTAL =						\$1000.00		
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  TOTAL FEES ENCLOSED \$1000.00  Amount to be refunded  Amount to be							\$		
by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +  TOTAL FEES ENCLOSED \$1000.00  Amount to be refunded  Amount to be	TOTAL NATIONAL FEE =						\$1000.00		
TOTAL FEES ENCLOSED \$1000.00  Amount to be refunded Amount to be							\$		
Amount to be refunded Amount to be							\$1000.00		
<b>i</b>			·						
				,			1		

# 10/564713

## TAPS RES'S PCT/PTO 12 JAN 2006

PTO-1390 (Rev.07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. A check in the amount of \$\_ to cover the above fees in enclosed. Please charge my Deposit Account No. <u>08-2623</u> in the amount of \$1000.00 b. \_ to cover the above fees. A duplicate copy of this sheet is enclosed. 🖾 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit c. Account No. 08-2623 ... A duplicate copy of this sheet is enclosed. ☐ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not d. be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: SIGNATURE Brian Kinnear NAME 43,717 REGISTRATION NUMBER

Attorney Docket No. 53200.830002.US0 Express Mail Label No. EV269459984US

Examiner: not yet assigned

Art Unit: not yet assigned

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Kim, Suhung-Gwon

Serial No. unknown

Filed: Herewith

For: METHOD FOR COMPUTERISING AND

STANDARDIZING MEDICAL

INFORMATION

### CERTIFICATE OF MAILING BY EXPRESS MAIL

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313

Sir:

The undersigned hereby certifies that the enclosed

- 1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371);
- 2. Preliminary Amendment;
- 3. Authorized to Charge \$1000.00 To Deposit Account;
- 4. Application Data Sheet;
- 5. Return Card;

and this Certificate of Mailing by Express Mail relating to the above application, were deposited as "Express Mail", Mailing Label No. EV269459984US with the United States Postal Service, addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA,22313-1450, or January 12, 2006.

January 12, 2006

January 12, 2006

Brian Kinnear, Reg. No. 43,717

Holland & Hart LLP

555 17th Street, Suite 3200 Denver, Colorado 80201-8749

Telephone: (303) 295-8170

Fax: (303) 295-8261